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**Office européen
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EINGANG - RECEIVED

Datum/Date

12.11.03

Zeichen/Ref./Réf.

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Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

02293043.2-1528-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

S.O.I. Tec Silicon on Insulator Technologies S.A.

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 1 156 531 A (S O I TEC SILICON ON INSULATOR ; SHINETSU HANDOTAI KK (JP)) 21 November 2001 (2001-11-21) * column 1, line 5 - line 11 * * column 2, line 7 - column 3, line 27; figure 4 * * column 3, line 31 - column 4, line 18 * * column 5, line 55 - column 6, line 30; figure 1 * * column 6, line 58 - column 7, line 44; figure 1 * * column 8, line 5 - line 18; figure 4 * * column 8, line 30 - column 9, line 9 * * column 12, line 3 - line 8 * * column 12, line 42 - column 13, line 12 *	1,2,5, 12,13,15	H01L21/304 H01L21/306
Y	-----	3,4, 6-11,14	
Y	US 6 265 314 B1 (BLACK HANG THI YEN ET AL) 24 July 2001 (2001-07-24) * column 1, line 10 - line 31 * * column 1, line 61 - line 67 * * column 2, line 52 - column 3, line 28; figures 1-3 * * column 4, line 11 - line 67; figures 6,6A * * column 5, line 29 - line 41; figures 6B-6D * * column 6, line 1 - line 15 *	3,14	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H01L B24B
A	----- -/--	1,2,12, 13	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 4 November 2003	Examiner Klopfenstein, P
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document</div>			



DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	"SURFACE PROFILOMETER WITH ULTRA-HIGH RESOLUTION" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 35, no. 3, 1 August 1992 (1992-08-01), pages 207-208, XP000326239 ISSN: 0018-8689 * the whole document *	4	
Y	EP 1 170 801 A (SHINETSU HANDOTAI KK) 9 January 2002 (2002-01-09) * column 3, line 52 - column 4, line 3 * * column 4, line 44 - line 50 * * column 8, line 9 - line 53 *	6-8	
A	---	1,5,12	
Y	US 2001/055854 A1 (NISHIDA SHOJI ET AL) 27 December 2001 (2001-12-27) * paragraph '0080!; figures 11E,11F * * paragraph '0122!; figures 13D,13E * * paragraph '0132! - paragraph '0133!; figures 11D,11E *	9-11	
A	---	1,2,5	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
	-/--		
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 4 November 2003	Examiner Klopfenstein, P
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X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
D, A	EP 0 955 671 A (SHINETSU HANDOTAI KK) 10 November 1999 (1999-11-10) * column 1, line 7 - line 16 * * column 2, line 36 - column 3, line 27 * * column 3, line 52 - column 4, line 31 * * column 5, line 37 - line 45 * * column 6, line 22 - line 44 * * column 8, line 43 - column 9, line 18; figures 1E, 2A * * column 9, line 34 - line 56 * * column 14, line 16 - line 55; figures 1, 2, 3A * * column 15, line 33 - column 16, line 14; figures 2B, 2C, 3B, 3C, 4 * * column 16, line 49 - line 57; figure 2F * -----	1, 2, 4, 5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 4 November 2003	Examiner Klopfenstein, P
CATEGORY OF CITED DOCUMENTS			
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-4, 12-15

A method for recycling a surface of a substrate, wherein the surface comprises a separation profile after an implantation step, by removing only the region close to the edge of said substrate using a local polishing step.

2. Claims: 5-8

A method for recycling a surface of a substrate, wherein the surface comprises a separation profile after an implantation step, by removing only the region close to the edge of said substrate using a selective chemical attack and a protective layer.

3. Claims: 9-11

A method for recycling a surface of a substrate, wherein the surface comprises a separation profile after an implantation step, by removing only the region close to the edge of said substrate using a local ion attack.



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☒ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 29 3043

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-11-2003

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